EXPRESS MAIL CERTIFICATE PLEASE CHARGE ANY DEFICIENCY UP TO \$300.00 OR CREDIT that, on the date indicated above, this paper or ANY EXCESS IN THE FEES DUE WITH THIS DOCUMENT TO fee was deposited with the U.S. Postal Service & that it was **OUR DEPOSIT ACCOUNT NO. 04-0100** addressed for delivery to the Assistant Commissioner for Patents, Washington, DC 20231 by "Express Mair Post Office to Addressee" service. Name (Print) Customer No.: Docket No.: 4058/1G811US1 PATENT TRADEMARK OFFICE DARBY & DARBY P.C. Post Office Box 5257 New York, NY 10150-5257 212-527-7700 In re Application of: Arnold, Francis; Petrounia, Ionna; Sun, Lianhag Serial No.: 09/722,602 Examiner: Y. Pak Confirmation No.: 5781 Filed: 11/27/00 Art Unit: 1652 For: Directed Evolution of Oxidase Enzymes

AMENDMENT TRANSMITTAL

Hon. Commissioner of Patents and Trademarks Washington, DC 20231

Sir:

Transmitted herewith is an amendment in the above-identified application. The fee has been calculated as shown below.

	Claims remaining after amendment	Highest number previously paid for	Present extra	Rate	Additional Fee
Total Claims	50	- 49 =	0	\$18	\$18.00
Independent	16	- 16 =	0	\$84	\$0.00
Multiple Dependent \$280.00					\$280.00

Total additional fee for this amendment

\$298.00

[] Small Entity REDUCTION (Half of preceding total)

\$.00

- [] No additional fee is required.
- [X] A check in the amount of \$298.00 is attached.
- [X] Please charge any additional fees up to \$500.00 or credit overpayment to Deposit Account No. 04-0100. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

Dated: December 2, 2002

Robert Schaffer Reg. No. 31,194

Attorney for Applicants

DARBY & DARBY P.C. Post Office Box 5257 New York, NY 10150-5257 212-527-7700

12.12.02

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Name (Print)

Signature

Customer No.:



PATENT TRADEMARK OFFICE

Docket No: 4058/1G811US1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Arnold, FRANCIS; Petrounia, IONNA; Sun, LIANHONG

Serial No.: 09/722,602

Art Unit:

1652

Confirmation No.: 5781

Filed: 11/27/00

Examiner:

Y. Pak

For:

DIRECTED EVOLUTION OF OXIDASE ENZYMES

12/04/2002 ANONDAF1 00000070 09722602

03 FC:1202 04 FC:1203 18.00 DP 280.00 DP

RESPONSE TO OFFICIAL ACTION

Hon. Commissioner of Patents and Trademarks Washington, DC 20231

December 2, 2002

Sir:

In response to the Official Action dated July 3, 2002, please amend the above-identified application as follows and consider the following remarks. This submission is accompanied by a Mark-up copy of the amended claims pursuant to 37 C.F.R. 1.121; an Examiner's Courtesy Copy of the pending claims under consideration